1. (Currently Amended) A combustion system for a heat generator, comprising:

a premix burner, and outlet, and a combustion chamber, the premix burner being connected to the combustion chamber by ~~means of an~~ the outlet~~,~~;

wherein the outlet comprises a ~~multiply stepped~~ multiply-stepped transitional structure in the direction of flow of fluid so as to create turbulence in the fluid flow.

2. (Currently Amended) A combustion system as claimed in Claim 1, wherein the transitional structure ~~of the outlet~~ comprises three to five steps.

3. (Currently Amended) A combustion system as claimed in Claim 2, wherein the transitional structure comprises four steps ~~are provided in the outlet~~.

4. (Currently Amended) A combustion system as claimed in ~~any one of the preceding claims~~Claim 1, wherein the length to height ratio of the steps is from 1:1 to 10:1.

5. (Original) A combustion system as claimed in Claim 4, wherein the length to height ratio of the steps is from 1:1 to 7:1.

6. (Currently Amended) A combustion system as claimed in ~~any one of the preceding claims~~Claim 1, wherein the outlet ~~is in the form of~~ comprises a nozzle.

7. **(Canceled)**